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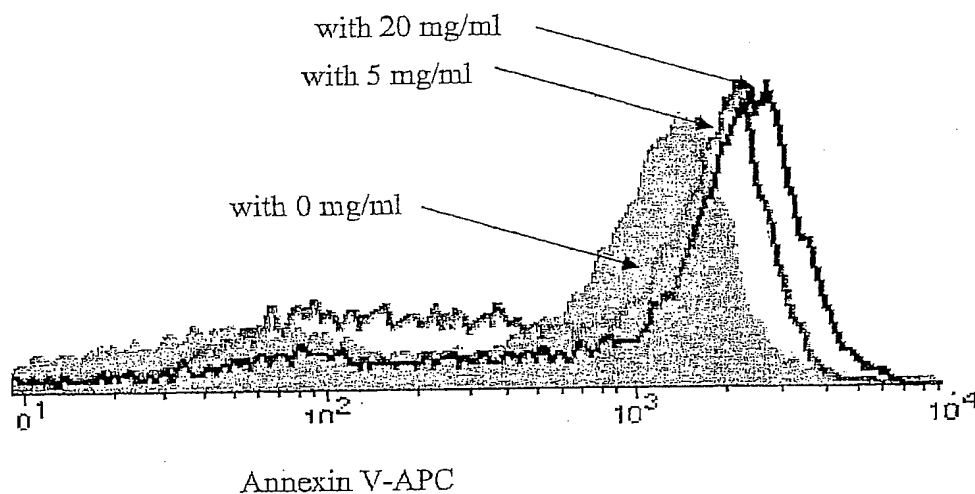
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(54) Title: ANNEXIN V FOR PREVENTING ATHEROTHROMBOIS AND PLAQUE RUPTURE



(57) Abstract: Atherosclerosis can be viewed as a response to injury and it is not atherosclerosis per se that is serious but instead factors leading to rupture of atherosclerotic plaques. In the present invention we have identified such factors. A decreased binding of Annexin V to the endothelium was seen in patients with a history of atherothrombosis. The use of native Annexin V or an N-terminal fragment as an active component or a subfraction of immunoglobulins to manufacture a pharmaceutical composition is proposed to improve said binding. The use of Annexin V, N-terminal fragments or immunoglobulins to increase the Annexin V-binding to carotid plaque represents novel mechanism for preventing atherothrombosis.



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